

242, 244 are energized by compressed gas pulses delivered over a line 250 from a control 252. The chest compressor actuator 16 is energized by compressed gas pulses delivered through a line 254 that is also connected to the control. A graph 260 shows a sequence of seven chest compression pulses 262 applied along line 254 during a period of about 5 seconds to the chest compressor actuator. Pulses of the same characteristics are applied by the apparatus of Figs. 1 and 2. Another graph 264 shows pulses 266 along line 250 applied to the breathing actuators 242, 244 to compress the middle chest of the patient about four times during a period of about 6 seconds. It is noted that it is generally desirable to start breathing of the patient by blowing air directly into the mouth of the patient, but many persons will not place their mouth next to the mouth of another person, especially a stranger, and the breathing helping apparatus 226 is a reasonable alternative.

In The Claims:

Claim 8 (Amended Once)

8. Apparatus for applying compressions to the chest of a patient to stimulate blood circulation, comprising:

an energizable compressor assembly which includes an actuator that has a vertical axis that extends perpendicular to the patient's chest, and a pressing member for pressing against the patient;

a torso wrap that couples to said actuator and that wraps to the back of the patient, so downward forces of the pressing member against the patient's chest are withstood by upward forces applied to the patient's back;

a stabilizer that includes a plurality of leg portions that each has an inner end connected to said actuator and an outer end that is positioned to press against the front of the patient, with said outer ends spaced about said axis to minimize tilt of the actuator with respect to the patient's front;

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cont'd

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said outer ends of said stabilizer leg portions are spaced further from said axis than any part of said pressing member that presses against the patient's chest, said outer ends including first and second ends that lie respectively closer to the head and legs of the patient than said pressing member.


Claim 10 (Amended Once)

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10. The apparatus described in claim 8 wherein:
said stabilizer comprises a saucer-shaped element that extends more than 180° about said axis, said element having a center portion fixed to said actuator and a radially outer portion that rests substantially against the patient's chest.

Respectfully submitted,



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